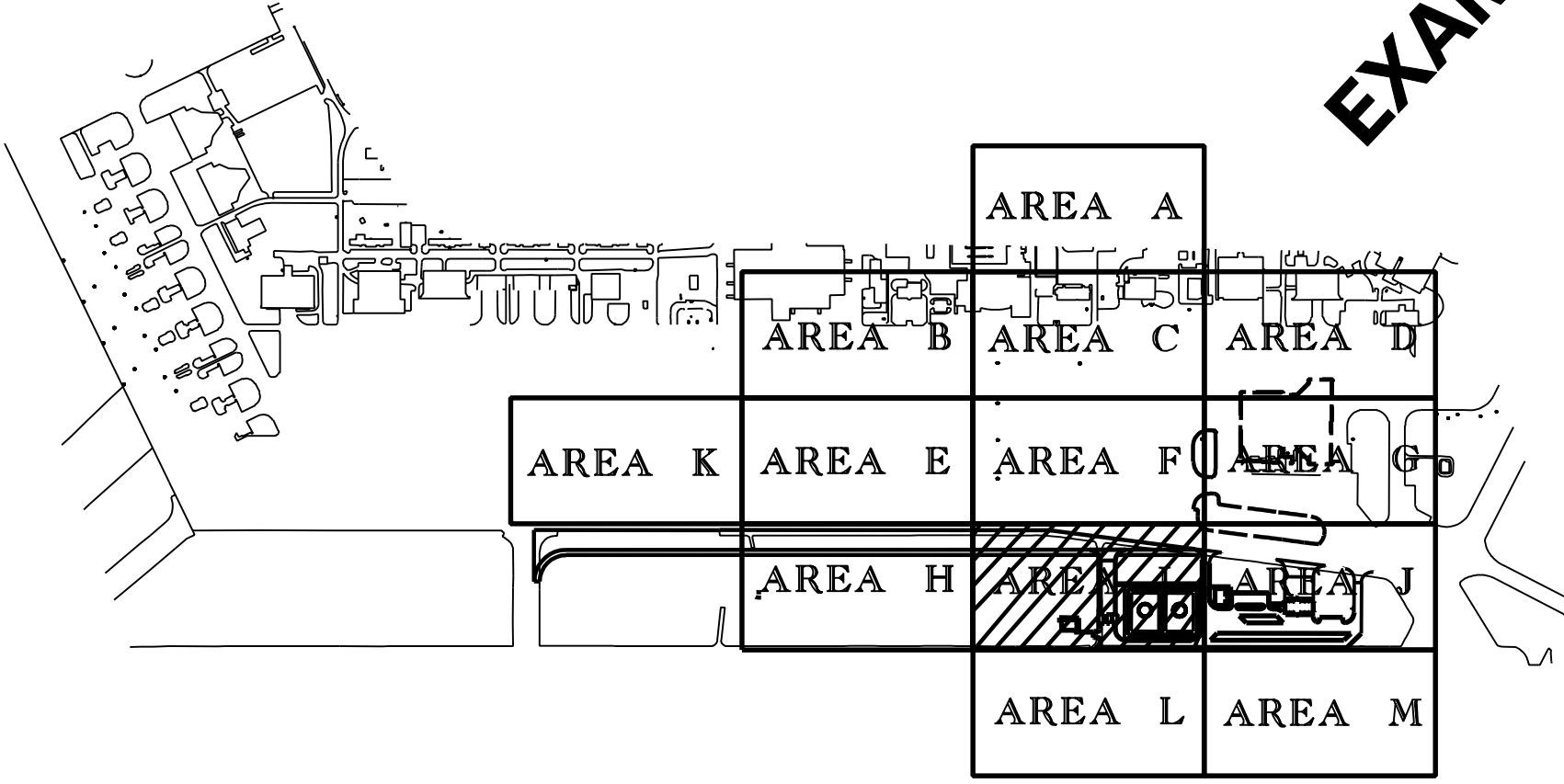
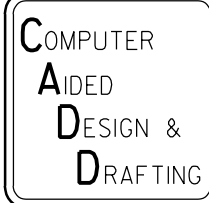


- GENERAL NOTES:
- A. SEE DETAIL #1 SHEET EU.11 FOR EMERGENCY POWER DOWN STATION (EPDS).
- B. SEE SHEETS EU.15, EU.16 AND EU.17 FOR DUCT BANK AND SCHEDULES AND MANHOLE DETAILS.
- C. SEE SHEET EU.14 FOR LIGHT AREA LIGHT POLE DETAILS.
- D. SEE SHEET EU.18 FOR PAD MOUNTED EQUIPMENT CONCRETE PAD DETAILS.
- E. SEE VOLUME 3 FOR NEW TAXIWAY LIGHTING.
- NUMBERED NOTES:
1. 24"X24"X24" HANDHOLE. SEE SHEET EU.14 FOR HANDHOLE DETAIL.
2. 24"X24"X24" HANDHOLE. SEE SHEET EU.14 FOR HANDHOLE DETAIL.
3. FUEL STORAGE TANK COUNTERPOISE TEST STATION. SEE GROUNDING DETAILS ON SHEET EU.13.
4. APPROXIMATE LOCATION OF PRODUCT RETURN PUMP (WITH MOTOR STARTER AND THERMAL OVERLOADS), AND JUNCTION BOXES FOR TANK LEVEL ALARMS, VALVE LIMIT SWITCH AND TANK LEVEL INDICATOR. SEE DRAWING AF125-31-01 SHEETS E8.10 AND E6.11 AND EU.18 FOR CONDUIT AND CONDUCTOR SIZES. SEE SHEET EU.18 FOR ELEVATION. TYPICAL EACH TANK.
5. FUEL STORAGE TANKS. SEE EU.12 FOR CATHODIC PROTECTION DETAIL.
6. ENGINE GENERATOR AND DAY TANK LOCATION. SEE GROUNDING DETAIL THIS SHEET. SEE SHEET EU.18 FOR CONCRETE PAD DETAIL.
7. 8 #300 KCMIL, 2 #2 GND, 2-4" PVC, 2-4" PVC SPARE FROM MDP. 4 #10, 1 #10 GND, 1" PVC FROM PANEL PA FOR BATTERY CHARGER AND LUBE OIL HEATER.
8. 4 #12, 1" PVC TO PUMP CONTROL PANEL (PCP) FOR GENERATOR RUN AND FAULT LIGHTS.
8. STRUCTURE FOR ALARM AND CONTROL PANELS FOR OIL/WATER SEPARATOR, LIFT STATION AND VALVE PIT #1 PUMP. SEE DETAIL #3 SHEET EU.11.

9. HOME RUNS TO PANEL A AND MDP IN OPERATIONS FACILITY. SEE SHEET EU.11 FOR CONDUIT AND CONDUCTOR REQUIREMENTS.
10. STRUCTURE FOR CATHODIC PROTECTION RECTIFIER (50 VOLT, 15 AMP) AND PRODUCT RECOVERY TANK LEAK DETECTION PANEL. SEE DETAIL #2 SHEET EU.11. CONNECT TO ALL STRUCTURES TO BE PROTECTED. SEE SPECIFICATION 16442.
11. PRODUCT RECOVERY TANK. SEE DRAWING AF125-31-01 SHEET E2.01 FOR NUMBER OF CONDUITS AND CONDUCTORS.
12. HEADER CABLE. ANODES ON 50' CENTERS. SEE SHEET EU.12 FOR DETAILS.
13. 4 #10, 1 #10 GND, 1" PVC FROM PANEL PA TO PRODUCT RETURN PUMPS 1 & 2.
- 20 #12, 1 #12 GND, 2" PVC FROM PCP FOR TANK FLOAT SWITCHES AND VALVE LIMIT SWITCHES.
- 2" PVC ONLY FROM AUTOMATIC TANK GAGING SYSTEM (ATG) BACKBOARD FOR NITROGEN TUBES.
14. LIFT STATION IS A CLASS I, DIVISION 1, GROUP D HAZARDOUS AREA. PROVIDE SEAL OFFS AS REQUIRED.
15. 2 #10, 1 #10 GND, 1" PVC. SEE DWG AF125-31-01 SH E8.10 FOR CONTROL DIA.
16. STRUCTURE FOR ALARM PANELS FOR WASTE OILTANK AND EPDS. SEE DETAIL #4 SHEET EU.11.
17. 2 #10, 1 #10 GND, 3/4" PVC FOR FUTURE CCTV CAMERA.
18. 1" PVC ONLY FOR FUTURE CCTV SIGNAL CABLES.
19. 4 #2, 1 #2 GND, 1 1/2" PVC.
20. 2 #10, 1 #10 GND, 3/4" PVC.
21. 3 #10, 1 #10 GND, 3/4" PVC
22. 3 #6, 1 #6 GND, 1" PVC
23. 4 #6, 1 #6 GND, 1 1/4" PVC
24. WET WELL OF VALVE PIT (SUMP PUMP) IS A CLASS I, DIVISION 1, GROUP D HAZARDOUS AREA. PROVIDE SEAL OFFS AS REQUIRED.



KEY PLAN



EXAMPLE 100% DESIGN

Revisions			
Symbol	Descriptions	Date	Approved
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA			
Designed by:	SITE NAME		SITE LOCATION
Drawn by:	OMAHA DISTRICT DESIGN GUIDE		
Checked by:			
Reviewed by:	Plot Scale Ratio:	Date: JUNE 2002	Sheet reference number:
Submitted by:	Spec. No.: DACA 45	Drawing Code: X	
Chief:	Contract No.: DACA 45		EU.09